



## **User Manual**

User Manual  
Catalog Number: Z10266E (3/06)

All data is subject to change without prior notice.

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# Chapter One: Introduction and Overview

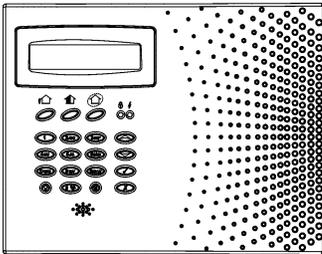
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This user manual explains all you need to know about your security system and provides step-by-step instructions for all of its user functions. In addition to the explanation you will receive from your installer, we urge you to read this manual so that you may take full advantage of your system's features. Keep this manual in an accessible location for future reference.

The security system has many features in order to suit a wide range of applications. This manual outlines all of these features but it is likely that there are options that are not relevant to your system. If you have any questions regarding the availability of the features described in the manual, please ask your installer.

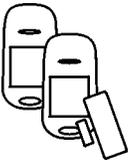
## 1.1: Security System Components

Your security system is made up of a control panel, various sensors and a number of optional peripheral devices. This section explains the role of each component in your system.



### Control Panel

The control panel is the brain of the system. It communicates with all the devices connected to the system. For example, in the event of a burglary, a sensor sends a signal to the control panel indicating that it has sensed motion on the premises. On receiving this signal, the control panel makes the decision to report the alarm to your monitoring service and activate the siren.



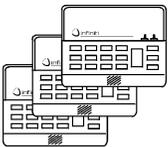
### Sensors

Sensors are the devices that protect your home, alerting the control panel when there is a breach in security. Magnetic contacts protect your doors and windows while motion sensors are able to detect an intruder moving across its field of view.



### Keyfobs

Keyfobs are hand-held transmitters that are used to operate the system. Various keyfobs are available providing a number of functions. For example, arming/disarming the system and sending panic alarms.



### Keypads

The keypads enable you to communicate with the control panel in order to perform a number of different functions. The main function you can perform using a keypad is to arm the system when leaving your home and to disarm on your return.

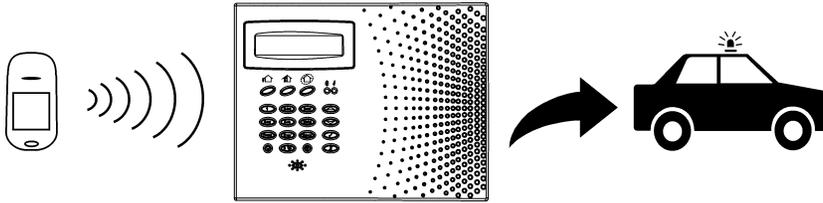


### Internal Siren

The control panel includes a built-in internal siren that is sounded during certain alarm conditions to warn you and deter intruders.

## 1.2: System Monitoring

When an event occurs within the system, the control panel sends a message to your monitoring service describing the exact nature of the event. This enables the monitoring service to take the required action.



A sensor detects. ▶ ▶ ▶ The control panel is alerted. ▶ ▶ ▶ An alarm is generated and the monitoring service is notified.



*Remember that no security system can prevent emergencies. This system is only intended to alert you in case of an emergency and should not take the place of prudent security practices or life and property insurance.*

## 1.3: Two-Way Audio

The control panel's built-in microphone and speaker can be used for a number of Two-Way Audio features. These features allow you to contact your home directly in the event of an alarm or simply to check the premises when you are away.

## 1.4: Home Automation

An optional expansion module can provide you with the ability to control up to 16 individual electrical appliances or lights using the front panel keypad, wireless keypads or keyfobs. Additionally, each appliance can be programmed to be turned on and off automatically according to various schedules and system status conditions.

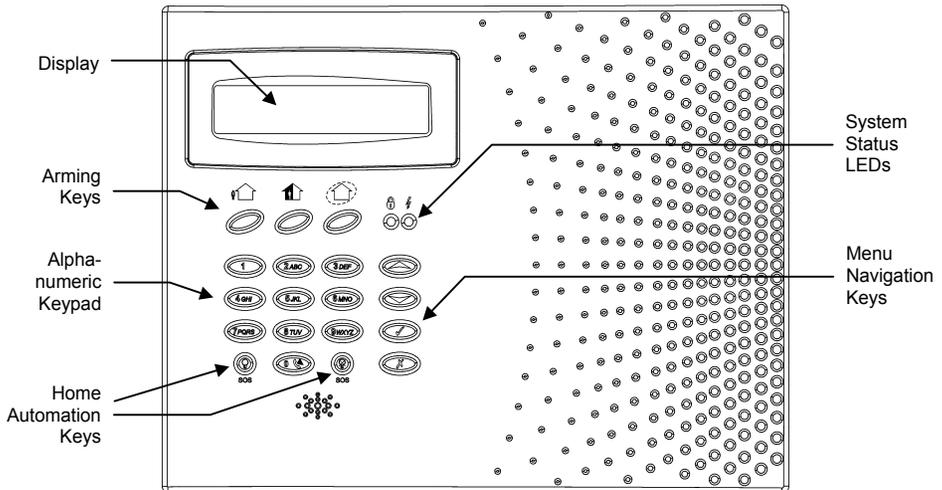
# Chapter Two: The User Interface

There are several methods you can use to operate the system. Apart from the keypad on the front panel, your system may include a number of peripheral devices such as keypads and keyfobs.

This chapter provides a brief introduction to each of the devices you can use to operate the system. It is important that you familiarize yourself with these devices before reading the following chapters that shall describe system operation in further detail.

## 2.1: Front Panel Keypad

The control panel's front panel keypad is the main user interface that provides you with all the functions you need to control your security system.



### System Status Indicators

The System Status indicators provide essential information on the status of the system such as arm, disarm, alarm and power failure conditions.



*On during arm. Off during disarm.  
Flashes after alarm.*



*On when power is connected. Off when power is disconnected. Flashes if there is a problem with AC power or the backup battery.*



### Service Call Button

The Service Call button enables you to contact the monitoring service and talk to an operator.

To make a Service Call, press and hold down the Service Call key for a few seconds.



*Service Call is an optional feature that may not be included with your system.*

### Home Automation On/Off Keys

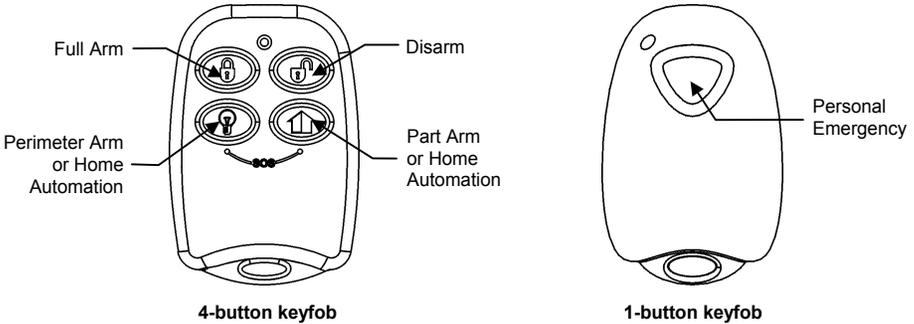
Pressing one of the Home Automation keys followed by the unit number (01-16) enables you to control lights and appliances in your home.

Pressing both Home Automation keys simultaneously generates an SOS panic alarm.



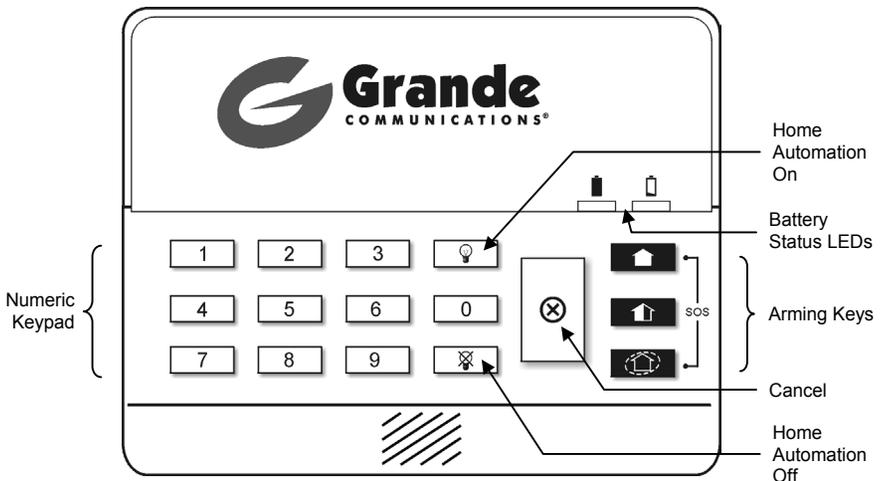
### 2.2: Keyfobs

The system supports two types of keyfob transmitter. The function of the buttons on each keyfob are shown below.



### 2.3: Wireless Keypad

The system supports up to four wireless keypads. You can use the keypad as an arming station and generate a panic alarm in the event of emergency.



## **Numeric Keypad**

The numeric keypad allows you to arm or disarm the system by entering a user code.

### **Arming Keys**

Three arming keys are available: Full, Part and Perimeter. These keys arm the system using one of the three arming methods. One-key Arming is an option that is programmed by your installer. If this option is disabled, you must also enter a user code when arming.

Simultaneously pressing the Full and Perimeter buttons generates a panic alarm.

### **Home Automation On/Off Keys**

Pressing one of the Home Automation keys followed by the unit number (01-16) enables you to control lights and appliances in your home.

### **Cancel**

The Cancel key clears the keypad in the event that you pressed a key by mistake.

For example, when entering your code you enter a wrong digit, the system waits for you to enter all four digits before it decides that the code is incorrect. Pressing the Cancel key causes the keypad to disregard what was previously entered enabling you to start again.



*If you are in the process of entering your code and six seconds elapse since the last keystroke, the entry is automatically canceled. In this case, you must re-enter your code from the beginning.*

### **Battery Status LEDs**

Every time a key is pressed, one of the Battery Status LEDs is lit. When the battery needs to be replaced, the red Low Battery LED is lit.

## Chapter Three: Arming and Disarming

Arming can be defined as turning the system on. When the system is armed, it monitors the zones that are protected by the sensors. If a sensor detects an intrusion, the system generates an alarm.

Certain sensors can be programmed by your installer to be active 24 hours a day. These sensors are always active regardless of system status.

### 3.1: Arming the System

Three arming modes are available: Full, Part and Perimeter. These modes enable you to arm your system accordingly to suit different circumstances.



#### Full Arming

Away arming activates the entire system. This arming method is used when you intend to leave your home, leaving the premises empty.



#### Part Arming

This arming method enables you to arm a section of your home while remaining on a different part of the premises. For example, at night your family is upstairs while the area downstairs is armed.



#### Perimeter Arming

Perimeter arming enables you to turn on the perimeter zones (the windows and doors of your home) enabling you to move freely within the protected area.

Before arming the system, check that all doors and windows are closed so that the system is ready for arming.

To arm the system using the keypad:

- Press one of the three arming keys; the exit delay begins to count down. At the end of the exit delay, the system is armed.



*If the One-key Arming option is disabled in programming, you must enter your user code when arming the system.*

To arm the system using a keyfob:

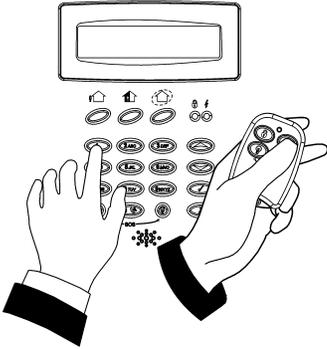
- Press the relevant button on your keyfob (see 2.2: Keyfobs); the exit delay begins to count down. At the end of the exit delay, the system is armed.

#### Forced Arming

Forced arming enables you to arm when the system is not ready. For example, if a door protected by a magnetic contact is open, you may arm the system on condition that the door will be closed by the end of the Exit delay. If the door is still open after the exit delay expires, an alarm is generated.



*Forced arming is available only if the option is enabled in programming. Forced arming may be enabled for specific zones or for the entire system.*



### 3.2: Disarming the System

When you enter the premises, the entry delay begins to count down. You must disarm the system within the entry delay time to prevent the system from activating an alarm.

To disarm the system using the keypad:

- Enter your user code.

To disarm the system using a keyfob:

- Press the disarm button – see 2.2: *Keyfobs..*

### 3.3: Arm Status Indication

The system's arm status is displayed on the front panel's display only. The following table explains the various arm status descriptions that appear on the display.



| This...          | Means...  |
|------------------|---|
| DISARMED         | The system is disarmed.   |
| FULL ARMED       | The system has been armed using the displayed arming method.          |
| PART ARMED       |   |
| PERIMETER ARMED  |   |
| FULL ARMING      | The system is in the process of arming (displayed during exit delay). |
| PART ARMING      |   |
| PERIMETER ARMING |   |



*The system may be programmed to display arm status at all times or only for the first two minutes after you arm or disarm the system.*

### 3.4: Arming Tones

Arming tones are the chimes that the system sounds during the entry/exit delay and when the system arms or disarms. Various options are available that determine the pattern of these tones.



Arming tones may be sounded by either the external siren or the control panel's built-in internal siren.

# Chapter Four: Panic Alarms

Panic alarms enable you to send a message to the monitoring service in the event of an emergency. There are various types of panic alarms and several methods you can use to generate them.

## 4.1: Front Panel Keypad Alarms

You can activate two kinds of alarm from the front panel keypad.

To activate an SOS Panic alarm from the front panel keypad:

- Press and hold down the two SOS keys simultaneously.



To activate a Personal Emergency alarm from the front panel keypad:

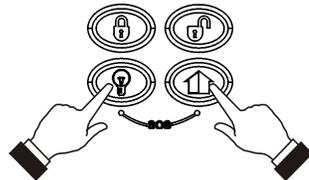
- Press and hold down keys 4 and 6 simultaneously.



## 4.2: Keyfob Panic Alarm

To activate a Panic alarm using the four-button keyfob:

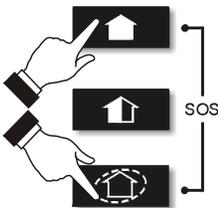
- Press the lower two buttons simultaneously.



### Personal Emergency

The one-button keyfob is designed to send a “Personal Emergency” message to your monitoring service.

The transmitter is water-resistant and can be worn around the neck as a pendant.



## 4.3: Wireless Keypad Panic Alarm

To activate a panic alarm from the wireless keypad:

- Press the Full Arm and Perimeter Arm keys simultaneously.

## Chapter Five: Home Automation (optional feature<sup>\*</sup>)

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Home Automation enables you to control up to 16 individual lights and appliances around the home. In this section, we shall refer to these lights and appliances as HA units.

HA units can be controlled using the keypad and keyfobs or programmed to react to specific system status conditions. For example, an HA unit can be programmed to switch on when the system is armed or when a specific zone is triggered. Additionally, the Randomize feature is designed to switch lights on and off at night when the system is armed. This gives potential intruders the impression that the house is occupied.

Scheduling options enable you to program On and Off times for each HA unit. This feature is found in the main menu. For further information on how to navigate the menu, refer to Chapter Seven: Advanced System Operation.

### 5.1: Keypad Control

Two keys on the keypad enable you send On and Off commands to HA units. How an HA unit reacts to the On command is determined by the installer in programming.

The HA unit can be programmed to switch on until the Off command is received or automatically switch itself off after a pre-programmed amount of time.



To turn HA units on using the keypad:

1. Press the On key.
2. Enter the two-digit HA unit number (01-16); the chosen HA unit switches on.



To turn HA units off using the keypad:

1. Press the Off key.
2. Enter the two-digit HA unit number (01-16); the chosen HA unit switches off.

### 5.2: Keyfob Control

You can control two separate HA units, using the four-button keyfob. This option can be programmed by the installer. For further information on keyfob button assignments refer to 2.2: Keyfobs.

### 5.4: Scheduling

The Scheduling feature allows you to set an On and Off time for each HA unit. At these times the system automatically switches the HA unit on and off. You can also choose the days of the week that the schedule is active.

#### On Time

To edit an HA unit's "On" Time:

1. From the main menu, select HA Schedules [8].
2. Select an HA unit.
3. From the HA unit's sub-menu, select On Time.
4. Enter a time (HH:MM). Press  to toggle AM and PM.
5. Press  when the desired setting is displayed.

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<sup>\*</sup> Discuss this capability with your security service provider to determine if it is applicable to your system.

## Off Time

To edit an HA unit's "Off" Time:

1. From the main menu, select HA Schedules [8].
2. Select an HA unit.
3. From the HA unit's sub-menu, select Off Time.
4. Enter a time (HH:MM). Press  to toggle AM and PM.
5. Press  when the desired setting is displayed.

## Weekly Schedule

To program the days of the week that the schedule is active:

1. From the main menu, select HA Schedules [8].
2. Select an HA unit.
3. From the HA unit's sub-menu, select Schedule.
4. Use keys 1 to 7 to toggle the days on and off.

| Press... | To toggle... |
|----------|--------------|
| 1        | Sunday       |
| 2        | Monday       |
| 3        | Tuesday      |
| 4        | Wednesday    |
| 5        | Thursday     |
| 6        | Friday       |
| 7        | Saturday     |

5. Press  when the desired setting is displayed.

## Chapter Six: Two-Way Audio (optional feature<sup>\*</sup>)

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The control panel offers a range of Two-Way Audio (TWA) features. You may use these features to check your home in the event of an alarm or as an alternative means of communicating with members of your family. For example, you may wish to call an elderly person who has difficulty reaching the phone. Using its Two-Way Audio features, the control panel automatically picks up the call and you can communicate via its built-in microphone and speaker.

### 6.1: Calling your Home

You may call your home at any time in order to contact your family or check your home while you are away. When your security system shares a telephone line with other devices (e.g. telephones, an answering machine or fax), it is important that the control panel distinguish between calls so that it knows when to pick up the relevant call. For this purpose the system employs a double call method.

To call your home:

1. Dial your telephone number.
2. Wait for two or three rings then hang-up.
3. Wait at least five seconds and dial the number again; on the second ring, the control panel answers the call and sounds two tones.
4. Enter the User TWA code on your telephone – see 6.3: *User Codes, Code 29*.



*Do not enter your user code until you hear the two tones. Any digits entered before the tones are sounded are disregarded by the system.*

5. The duration of the call is an option programmed by your installer. Ten seconds before the end of the call, two short tones are sounded. To extend the call, press 7 on your telephone.
6. To disconnect before the end of the call, press “\*” then “#” on your telephone.



*It is possible that the Two-Way Audio features on your system are programmed to operate in “Simplex” mode. Simplex mode means that one party may speak while the other party listens.*

*If using Simplex mode, the call is connected in Listen mode. In Listen mode, the microphone on the control panel is turned on so that you can listen in. If you want to switch to Speak mode, press 1 on your telephone.*

*In Speak mode, the microphone is turned off and the speaker is turned on so that you can speak to people at home. If you want to switch back to Listen mode, press 0 on your telephone.*

### Siren Silencing

The siren is silenced during Two-Way Audio communication in the event of an alarm. At the end of the call, the siren is re-activated (if the Siren Cut-Off has not yet expired). You can cancel the re-activation of the siren by pressing “9” on your telephone during the call.

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<sup>\*</sup> Discuss this capability with your security service provider to determine if it is applicable to your system.

## 6.2: Service Call

The Service Call feature enables you to call the monitoring service by pressing one key.



To make a Service Call:

- Press and hold down the Service Call key for a few seconds.

The monitoring station should then respond to your call and you can talk to them through the microphone on your control panel.



*Service Call is an optional feature that may not be included with your system.*

# Chapter Seven: Advanced System Operation

Besides the basic functions described in the previous chapters, you can access additional functions via the menu. This chapter describes these functions and the menu navigation procedure.

## Menu Navigation

Using the keypad on the front panel, you can navigate through the menus using the arrow navigation keys (▲/▼) and make simple yes/no decisions using the ✓ and X keys.

The availability of menu items depends on the user code that you used to enter Menu mode. Some menu items are limited to the Master code only (User 1). Certain menu items, such as system programming functions, are not intended for the user and can only be accessed by the installer.

The following example explains the procedure for navigating through the menus to the View Event Log function (Master code access only). For further information on this function, see 7.4: Event Log.

1. Press ✓ to enter Menu mode.
2. Enter the Master code; the first menu item in the main menu, **1. Stop Comm.** is displayed.
3. Press ▼ until **6. Event Log** is displayed.
4. Press ✓ to enter the Event Log menu; **1. View Log** is displayed.
5. Press ✓ to choose the displayed item.

Press X if you do not want to choose the displayed item. Pressing X also takes you back to the previous menu level.



*Menu mode automatically terminates two minutes after the last keystroke.*

Throughout this chapter, we have tried to include all of the system functions using a similar structure and order as they appear in the menu. The above procedure provides a detailed explanation of menu navigation. However, in order to simplify the procedures that appear in the rest of this chapter, the following conventions are used:

| This...  | Means...   |
|--|--|
| From the Bypass Zones menu, select Unbypass All. | Enter the main menu by pressing ✓ and entering your user code. Using the arrow keys, navigate until you reach Bypass Zones and press ✓. Using the arrow keys, navigate until you reach Unbypass All and press ✓. |
| Select...  | Use the arrow keys to scroll through the options and press ✓.  |
| [61]   | The shortcut to a specific menu item from the main menu. In this case, this is the shortcut for View Log. These appear in the procedures as an additional aid to menu navigation.                                |

## 7.1: Stop Communications

The Stop Communications function enables you to prevent the system from reporting in the event of a false alarm.

To stop communications:

- From the main menu, select Stop Com. [1]; all pending messages to the monitoring service are canceled.

## 7.2: Zone Bypassing/Unbypassing

When a zone is bypassed, its sensor is ignored by the system and it does not generate an alarm when triggered.

To bypass or unbypass a zone:

1. From the Bypass Zones menu, select Bypass/Unbyp. [21].
2. Using the arrow keys, scroll to the zone you want to bypass or unbypass.
3. Press ✓ to change the bypass status.
4. Press X ; **Save Changes?** is displayed.
5. Press ✓ to confirm the changed bypass status.

To unbypass all zones:

1. From the Bypass Zones menu, select Unbypass All [22].
2. Press ✓ ; all zones are unbypassed



*All bypassed zones will be automatically unbypassed when the system is disarmed.*

## 7.3: User Codes

The control panel supports a variety of individual user codes. Each of these codes is four digits long. Most system functions require you to enter a valid user code.

The ability to perform a function is defined by your user code's authorization level. These authorization levels are pre-defined for each code as explained below.

### Code 1: Master Code

The Master code is the highest user authorization level. With the Master code, you can change all other user codes. Additionally, the Master code provides access to the Event Log and the Service menu.



*The system is provided with a default Master code. Change this code immediately after the system has been installed!*

### Codes 2-19: Controlled Codes

When you use a controlled user code for arming and disarming, the system notifies the monitoring service. You can assign these codes to your children or employees whose comings and goings are of interest to you.

### Codes 20-25: Non-controlled Codes

Non-controlled codes do not cause the system to send Arm/Disarm reports to the monitoring service. The system sends a Disarm report only if you use this code to disarm the system after an alarm occurrence.

### Codes 26-27: Limited Codes

A Limited code enables you to issue a code that is valid for one day only. This code automatically expires 24 hours after it has been programmed.

### Code 28: Duress Code

The Duress code is designed for situations where you are being forced to operate the system. This user code performs the operation selected, while sending a Duress event message to the monitoring service.

## Code 29: User Two Way Audio (TWA) Code

The User TWA code is designed to enable you to communicate with the control panel at any time. This code can only be used for this specific purpose and does not allow access to any additional system functions such as disarming.

## Changing User Codes

User code changing is a feature that is available exclusively to the Master code. To maintain a high level of security, keep all user codes confidential.

To change a user code:

1. From the main menu select, User Codes [4].
2. Select the code you want to change;
3. From the code's sub-menu, select Edit Code; the 4-digit code is displayed with the cursor flashing on the first digit.
4. Enter a new code.
5. Press ✓ ; the new code is stored in the memory.



*If you enter a code that is identical to an existing user code, the panel sounds an error tone and the new code is not accepted. 0000 is not a valid user code as this value is used to delete a user code.*

## Deleting User Codes

As an additional security measure, make certain that you delete any extra codes that are no longer required.

To delete a user code:

1. From the main menu select, User Codes [4].
2. Select the code you want to delete;
3. From the code's sub-menu, select Edit Code; the 4-digit code is displayed with the cursor flashing on the first digit.
4. Enter 0000.
5. Press ✓ ; the code is deleted.



*The Master code cannot be deleted.*

## User Code Descriptors

Using the keypad on the front panel, you can change the 16-character user code descriptors and enter the name or title of the users to whom the code is allocated.



---

*When changing descriptors, use this key to enter a space before the current character.*



---

*Use this key to delete the current character.*

---

To enter text, press a key repeatedly to scroll through the characters that appear on the key. For example, press 6MNO to enter M, N, O, or 6 respectively. You can also use the 1 and 0 keys to enter symbols. After you enter text, the cursor automatically moves to the next character.

To change a user code descriptor:

1. From the main menu, select User Codes [4].
2. Select a code.
3. From the code's sub-menu, select Descriptor.
4. Change the descriptor using the keypad.
5. Press ✓ when you have finished the change.

## 7.4: Event Log

The event log records events that have occurred within your security system. When the log is full, the oldest events are automatically erased and are replaced by new events.

To view the event log:

1. From the Event Log menu, select View Log [61]; the most recent event is displayed.
2. Use the arrow keys to scroll through the events.
3. When you have finished viewing, press **x** to exit the log.



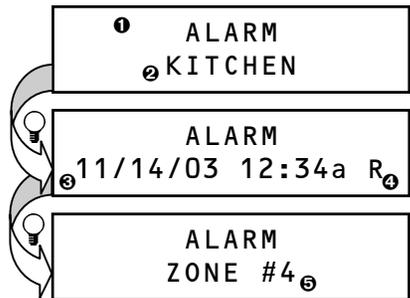
*Press this key to display the Time/Date stamp or the default descriptor on the second row of the display.*

The following example shows the event log entry for a burglary alarm in the Kitchen (Zone 4) on November 14<sup>th</sup> 2003. The report was successfully reported to the central station.

The labeled diagram below shows how the event log display changes each time the  key is pressed.

The event log displays the following information for each event:

- 1 The event – a brief description of the event that occurred.
- 2 Zone descriptor – exactly where the event occurred.
- 3 Time/date stamp – the exact time the event occurred.
- 4 Report details – a single character indicating whether the event was reported to the central station. The options available are R: Report Sent, F: Report Failed or N: No Report.
- 5 Default descriptor – in this case the number of the zone.



## 7.5: Service Menu

The Service menu includes various functions that enable you to test your system effectively. You can gain access to the Service menu using the Master code.

### Set Time & Date

To set the time:

1. From the Service menu, select Set Time/Date, Set Time [711].
2. Enter the current time.
3. Press **✓**; the time is modified.



*When setting the time, use the  key to toggle between AM and PM.*

To set the date:

1. From the Service menu, select Set Time/Date, Set Date [712].
2. Enter the current date.
3. Press **✓**; the date is modified

## Siren Tests [to be conducted weekly]

To test the internal siren:

- From the Service menu, select Int. Siren Test [73]; the internal siren is sounded briefly.

## Speaker Test

To test the speaker:

- From the Service menu, select Speaker Test [74]; a short sequence of chimes are sounded from the speaker.

## Walk Test [to be conducted weekly]

Walk Test mode enables you to test all your system's sensors without activating an alarm.

To start Walk Test mode:

1. From the Service menu, select Walk Test [75]; a list of registered sensors appears.
2. Operate each sensor by opening protected doors and walking in front of motion sensors; when the system receives a successful transmission from a sensor, the sensor is removed from the list.
3. When all the sensors are removed from the list, **End Walk Test** is displayed.

## Transmitters

The Transmitters menu offers two choices, TX List and TX Test.

The TX List comprises all registered transmitters and their last reported status.

To view the TX list:

1. From the Service menu, select TX List/Status [76]; the first transmitter on the list is displayed.
2. Using the arrow buttons, scroll through the transmitter list.
3. When you have finished viewing, press **X** to exit the list.

The TX list displays the following information for each transmitter:

- ❶ The transmitter's descriptor
- ❷ The signal strength of the last received transmission
- ❸ An abbreviation indicating the last received status of the transmitter.



*Press this key to display the transmitter's default descriptor .*

| This... | Means...                                  |                       |
|---------|---|-----------------------|
| OK      | The transmitter is functioning correctly  |                       |
| TA      | Tamper condition                          | Notify your installer |
| BT      | Battery low                               |                       |
| OS      | The transmitter is out of synchronization |                       |
| NA      | The transmitter is inactive               |                       |

The second choice, TX Test, enables you to identify transmitters.

In TX Test mode, each time a transmission is received, a chime is sounded and the activated transmitter is displayed.

To initiate TX Test mode:

1. From the Service menu, select Transmitters, TX Test [762].
2. Activate a sensor or keyfob; the transmitter's identity is displayed.
3. When you have finished, press **X** to exit TX Test mode.

## Audio Volume

To adjust the sensitivity of the microphone and the volume of the speaker:

1. Establish a two-way audio connection.
2. From the Service menu, select Audio Volume [77]; the current setting is displayed.
3. Adjust the setting according to the following table.

| Press... | To...                           |
|----------|---------------------------------|
| 1        | Increase microphone sensitivity |
| 4        | Reduce microphone sensitivity   |
| 3        | Increase speaker volume         |
| 6        | Reduce speaker volume           |

4. Press **✓**; the new settings are stored in the memory.

## Display Version

To display the system's software and hardware versions:

- From the Service menu, select Version [79]; the software (SW) and hardware (HW) versions are displayed.

## Global Chime

Each sensor can be programmed by your installer to cause the system to chime when activated. For example, the system can be programmed to sound a chime each time the front door is opened or closed. The Global Chime option, enables you to turn this feature on and off.

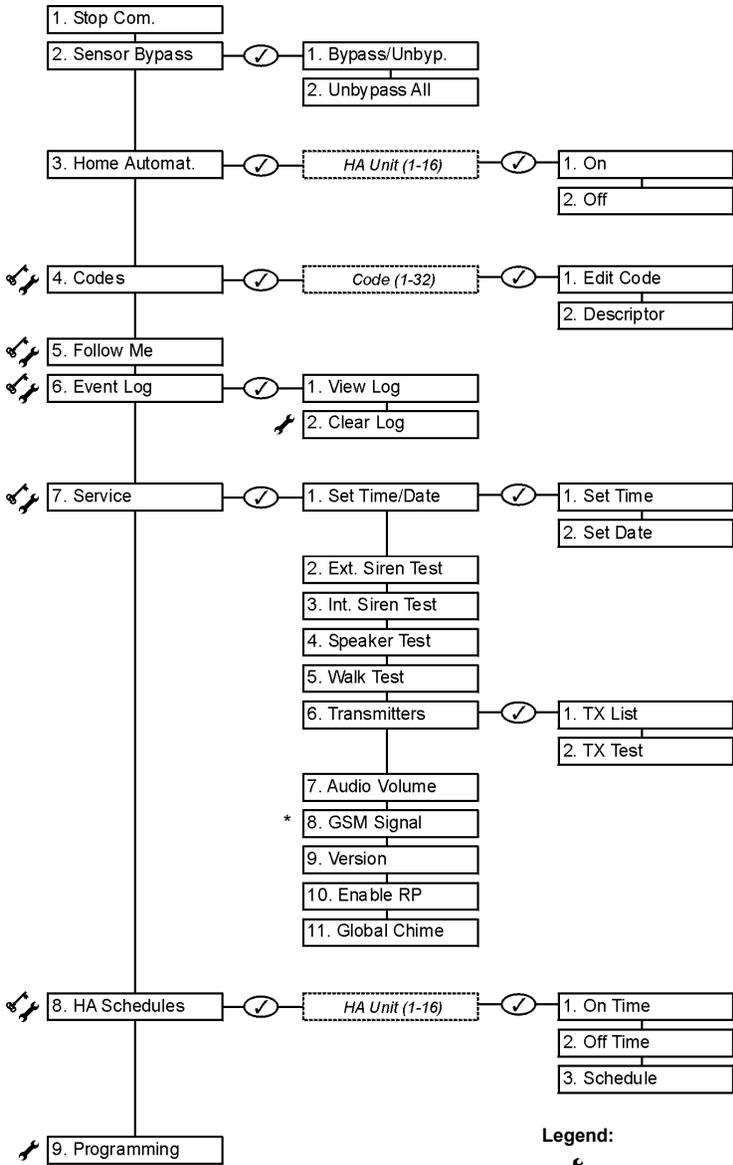
To enable or disable Global Chime:

1. From the Service menu, select Global Chime [711].
2. Select either Enable or Disable.
3. Press **✓** when the desired setting is displayed.



*Global Chime can also be accessed via a convenient shortcut without needing to enter a valid user code. To access the Global Chime option from Standby mode, press **▲** then **▼**.*

# Appendix A: Menu Structure



- Legend:**
-  Installer code required
  -  Master code required
  - \* Not applicable

## Appendix B: Glossary

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### A

**Armed** The state during which the security system is turned on. In most cases, when the system is armed, activating a sensor generates an alarm.

**Arming Keys** The three keys on the front panel or keypad that activate one of the system's arming options.

### B

**Bypassed Zone** A sensor which is ignored by the system. No alarm is generated from a bypassed zone even if its sensor is activated when the system is armed.

### C

**Cancel Key** A key on the wireless keypad that causes the system to disregard any partially entered code or command that may have mistakenly been entered.

**Chime** A feature that provides audible annunciation when specific sensors are activated.

**Code** *see User Code*

**Controlled Code** A user code that causes the system to notify the monitoring service when used to arm or disarm.

### D

**Delay** The exit/entry delay times that allow the user to arm or disarm the system without generating an alarm.

**Descriptor** Custom labels programmed for each user code, zone, keyfob, keypad etc.

**Disarmed** The state during which the security system is turned off. During disarm only sensors that are defined as 24hr, Panic or Personal Emergency are capable of generating an alarm.

**Duress Code** A user code that generates a silent alarm to indicate that the user is being forced to operate the system.

### E

**Entry Delay** *See Delay*

**Event Log** A viewable record of events that have occurred within the system.

**Exit Delay** *See Delay*

### F

**Forced Arming** Arming before the system is ready. If the system is not secured by the time that the exit delay expires, an alarm is generated.

**Front Panel** The main interface located on the front of the control panel consisting of a keypad and display.

**Full Arming** An arming method that activates the entire system when everyone leaves.

## G

**Global Chime** A feature that enables/disables the Chime feature for the entire system – see *Chime*.

## H

**HA Units** Home Automation Units (abbr.). The lights and appliances in the home that are controlled by the optional Home Automation feature.

**Home Automation** An optional feature that enables the user to control electrical appliances and lights via the control panel.

## K

**Keyfob** Handheld wireless transmitters used to remotely control the system.

## L

**Limited Code** A user code that automatically expires 24 hours after it is programmed.

**Log** See *Event Log*

## M

**Master Code** The only user code with the ability to program other user codes. The Master code also has exclusive access to specific system functions.

## N

**Non-Controlled Code** A user code that does not cause the system to notify the monitoring service when used to arm or disarm. The system only reports if the code is used to disarm after an alarm.

## P

**Panic Alarm** A user initiated event that alerts the monitoring service in the event of an emergency.

**Part Arming** An arming method that is designed to turn on the protection for a certain section of the premises.

**Perimeter Arming** An arming method that is designed to activate the sensors protecting the doors and windows while enabling residents to move freely on the premises.

## R

**Ready** The state in which all zones are closed and the system is ready to be armed.

## S

**Sensors** The devices installed around the home that alert the panel in the event of an alarm.

**Service Call** A feature that enables the user to contact the monitoring service and talk to an operator via the control panel.

**Stop Communications** An operation that stops the transmission of any pending messages to the monitoring service.

**System Status Indicators** Luminous indicators on the front panel that provide information on the armed and power status of the system.

## T

|                |  |
|----------------|--|
| <b>Tones</b>   | Chimes sounded by the control panel's internal siren.  |
| <b>TWA</b>     | Two-Way Audio (abbr.)  |
| <b>TX</b>      | Transmitter (abbr.)  |
| <b>TX List</b> | A service feature that lists all the system's registered transmitters, their last recorded status and signal strength. |
| <b>TX Test</b> | A service feature that displays the source of the last received transmission.  |

## U

|                      |   |
|----------------------|---|
| <b>Unbypass</b>      | The restoral of a bypassed zone to its original state.  |
| <b>User Code</b>     | A four-digit code that allows certain system functions to be performed such as arming and disarming the system. |
| <b>User TWA Code</b> | A user code that enables Two-Way Audio communication.   |

## W

|                  |   |
|------------------|---|
| <b>Walk Test</b> | A mode that enables sensors to be tested without generating an alarm. |
|------------------|---|

## Z

|                       |  |
|-----------------------|--|
| <b>Zone</b>           | A protected area within the security system. |
| <b>Zone Bypassing</b> | <i>See Bypassed Zone</i>                     |

## **UL NOTICE: This is a “Grade A” system.**

### **FEDERAL COMMUNICATIONS COMMISSION (FCC) Part 15 STATEMENT**

This equipment has been tested to FCC requirements and has been found acceptable for use. The FCC requires the following statement for your information.

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- If using an indoor antenna, have a quality outdoor antenna installed.
- Reorient the receiving antenna until interference is reduced or eliminated.
- Move the receiver away from the control/communicator.
- Move the antenna leads away from any wire runs to the control/communicator.
- Plug the control/communicator into a different outlet so that it and the receiver are on different branch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions.

The user or installer may find the following booklet prepared by the Federal Communications Commission helpful: "Interference Handbook". This booklet is available from the U.S. Government Printing Office, Washington, DC 20402.

The user shall not make any changes or modifications to the equipment unless authorized by the Installation Instructions or User's Manual. Unauthorized changes or modifications could void the user's authority to operate the equipment.

### **FEDERAL COMMUNICATIONS COMMISSION (FCC) Part 68 NOTICE**

This equipment complies with Part 68 of the FCC rules. On the front cover of this equipment is a label that contains, among other information, the FCC registration number and ringer equivalence number (REN) for this equipment. If requested, this information must be provided to the telephone company.

This equipment uses the following jacks:

An RJ31X is used to connect this equipment to the telephone network.

The REN is used to determine the quantity of devices which may be connected to the telephone line. Excessive RENs on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of the RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to the line, as determined by the total RENs, contact the telephone company to determine the maximum REN for the calling area.

If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. If advance notice is not practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe necessary.

The telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the operation of the equipment. If this happens, the telephone company will provide advance notice in order for you to make the necessary modifications in order to maintain uninterrupted service.

If trouble is experienced with this equipment, please contact the manufacturer for repair and warranty information. If the trouble is causing harm to the telephone network, the telephone company may request you remove the equipment from the network until the problem is resolved.

There are no user serviceable components in this product, and all necessary repairs must be made by the manufacturer. Other repair methods may invalidate the FCC registration on this product.

This equipment cannot be used on telephone company-provided coin service. Connection to Party Line Service is subject to state tariffs.

This equipment is hearing aid compatible.

When programming or making test calls to an emergency number, briefly explain to the dispatcher the reason for the call. Perform such activities in the off-peak hours; such as early morning or late evening.

## WARNING

### THE LIMITATIONS OF THIS ALARM SYSTEM

While this system is an advanced design security system, it does not offer guaranteed protection against burglary or fire or other emergency. Any alarm system, whether commercial or residential, is subject to compromise or failure to warn for a variety of reasons. For example:

- Intruders may gain access through unprotected openings or have the technical sophistication to bypass an alarm sensor or disconnect an alarm warning device.
- Movement detectors (e.g. Passive InfraRed detectors), smoke detectors and many other sensing devices will not work without power. Battery operated devices will not work without batteries, with dead batteries, nor if the batteries are not installed properly. Devices powered solely by AC will not work if their AC power supply is cut off for any reason, however briefly.
- Signals sent by wireless transmitters may be blocked or reflected before they reach the alarm receiver. Even if the signal path has been recently checked during a weekly test, blockage can occur by a reflecting object.
- A user may not be able to reach a panic or emergency button quickly enough.
- While smoke detectors have played a key role in reducing residential fire deaths, they may not activate or provide early warning for a variety of reasons. Some of the reasons smoke detectors used in conjunction with this System may not work are as follows. Some detectors may have been improperly installed and positioned. Smoke detectors may not sense fires that start where smoke cannot reach the detectors, such as in chimneys, in walls, or roofs, or on the other side of closed doors. Smoke detectors also may not sense a fire on another level of a residence or building. A second floor detector, for example, may not sense a first floor or basement fire. Moreover, smoke detectors have sensing limitations. No smoke detector can sense every kind of fire every time. In general, detectors may not always warn about fires caused by carelessness and safety hazards like smoking in bed, violent explosions, escaping gas, improper storage of flammable materials, overloaded electrical circuits, children playing with matches, or arson. Depending upon the nature of the fire and/or the location of the smoke detectors, the detector, even if it operates as anticipated, may not provide sufficient warning to allow all occupants to escape in time to prevent injury or death.
- Passive InfraRed motion detectors can only detect movement within the designed ranges as diagrammed in their installation manual. Passive InfraRed detectors do not provide volumetric area protection. They do create multiple beams of detection, and movement can only be detected in unobstructed areas covered by those beams. They cannot detect motion or movement that takes place behind walls, ceilings, floors, closed doors, glass partitions, glass doors, or windows. Mechanical tampering, masking, painting, or spraying of any material on the lenses or any part of the optical system can reduce or abolish their detection capability. Passive InfraRed detectors sense changes in temperature; however, as the ambient temperature of the detection area approaches the temperature of 90° to 105°F (32° to 40°C), the detection performance can decrease or cease.
- Alarm warning devices such as sirens, bells or horns may not alert people or wake up sleepers if they are located on the other side of the closed or partly open doors. If warning devices sound on a different level of residence from the bedrooms, then they are less likely to waken or alert people inside the bedrooms. Even persons who are awake may not hear the warning if the alarm is muffled by a stereo, radio, air conditioner, or other appliance, or by passing traffic. Finally, alarm warning devices, however loud, may not warn hearing-impaired people or waken deep sleepers.
- Telephone lines or other communication media needed to transmit alarm signals from premises to a central monitoring station may be out of service or temporarily out of service. Telephone and other communication lines are also subject to compromise by sophisticated intruders.
- Even if the system responds to the emergency as intended, however, occupants may have insufficient time to protect themselves from the emergency situation. In the case of a monitored alarm system, authorities may not respond appropriately.
- This equipment, like other electrical devices, is subject to component failure. Even though this equipment is designed to last as long as 10 years, the electronic components could fail at any time.

The most common cause of an alarm system not functioning when an intrusion or fire occurs is inadequate maintenance. This alarm system should be tested weekly to make sure all sensors and transmitters are working properly.

Installing an alarm system may make one eligible for lower insurance rates, but an alarm system is not a substitute for insurance. Homeowners, property owners and renters should continue to act prudently in protecting themselves and continue to insure their lives and property.

The producer continues to develop new and improved protection devices. Users of alarm systems owe it to themselves and their loved ones to learn about these developments.

## **ELECTRONICS LINE 3000 Ltd. ONE YEAR LIMITED WARRANTY**

Electronics Line 3000 Ltd. ("EL3K") and its divisions, subsidiaries and affiliates ("Seller"), 2 Granit Street, Kiryat Arieh Industrial Zone, Petah Tikva 49130 Israel, warrants its security equipment (the "product") to be free from defects in materials and workmanship for one year from date of original purchase, under normal use and service. Batteries are expressly not covered by the warranty. Seller's obligation is limited to repairing or replacing, at its option, free of charge for parts, labor, or transportation, any product proven to be defective in materials or workmanship under normal use and service. Seller shall have no obligation under this warranty or otherwise if the product is altered or improperly repaired or serviced by anyone other than the Seller. In case of defect, contact the security professional who installed and maintains your security equipment or the Seller for product repair.

This one year Limited Warranty is in lieu of all other warranties, obligations or liabilities. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. IN NO CASE SHALL SELLER BE LIABLE TO ANYONE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, OR UPON ANY OTHER BASIS OF LIABILITY WHATSOEVER, EVEN IF THE LOSS OR DAMAGE IS CAUSED BY THE SELLER'S OWN NEGLIGENCE OR FAULT.

ANY ACTION FOR BREACH OF ANY WARRANTY, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY, MUST BE BROUGHT WITHIN 12 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL SELLER BE LIABLE TO ANYONE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, OR UPON ANY OTHER BASIS OF LIABILITY WHATSOEVER, EVEN IF THE LOSS OR DAMAGE IS CAUSED BY THE SELLER'S OWN NEGLIGENCE OR FAULT.

Some states do not allow limitation on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, therefore the above limitations or exclusions may not apply to you to that extent.

Seller does not represent that the product may not be compromised or circumvented; nor that the product will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; nor that the product will in all cases provide adequate warning or protection. Buyer understands that a properly installed and maintained alarm may only reduce the risk of a burglary, robbery, fire, nor other events occurring without providing an alarm, but it is not insurance nor a guarantee that such will not occur or that there will be no personal injury or property loss as a result. Neither the Seller nor its directors, officers, shareholders, partners, principles, agents, servants or employees or their successors, predecessors, assigns, heirs and personal representatives is an insurer nor guarantor. CONSEQUENTLY, SELLER SHALL HAVE NO LIABILITY FOR ANY PERSONAL INJURY, PROPERTY DAMAGE OR OTHER LOSS BASED ON A CLAIM THE PRODUCT FAILED TO GIVE WARNING. HOWEVER, IF SELLER IS HELD LIABLE, WHETHER DIRECTLY OR INDIRECTLY, FOR ANY LOSS OR DAMAGE ARISING UNDER THIS LIMITED WARRANTY OR OTHERWISE, REGARDLESS OF CAUSE OR ORIGIN, SELLER'S MAXIMUM LIABILITY SHALL NOT IN ANY CASE EXCEED THE PURCHASE PRICE OF THE PRODUCT, WHICH SHALL BE THE COMPLETE AND EXCLUSIVE REMEDY AGAINST SELLER. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. No increase or alteration, written or verbal, to this warranty is authorized.

**OWNER'S INSURANCE PREMIUM CREDIT REQUEST**

This form should be completed and forwarded to your homeowner's insurance carrier for possible premium credit.

**A. GENERAL INFORMATION**

Insured's Name and Address: \_\_\_\_\_  
\_\_\_\_\_

Insurance Company: \_\_\_\_\_ Policy No.: \_\_\_\_\_

INFINITI Other: \_\_\_\_\_ Type of Alarm: Burglary

Installed by: \_\_\_\_\_ Serviced by: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**B. NOTIFIES:**

Local Sounding Device \_\_\_\_\_ Police Dept.: \_\_\_\_\_

Central Station  Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

**C. POWERED BY:** AC with rechargeable power supply.

**D: TESTING:**  Quarterly  Monthly  Weekly  Other \_\_\_\_\_

**E: BURGLARY DETECTING DEVICE LOCATIONS:**

Front Door  Basement Door  Rear Door  All Exterior Doors

1<sup>st</sup> Floor Windows  All Windows  Interior Locations

All Accessible Openings (including skylights, air conditioners and vents)

**G: ADDITIONAL PERTINENT INFORMATION:**

\_\_\_\_\_  
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\_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

